

FIG.1

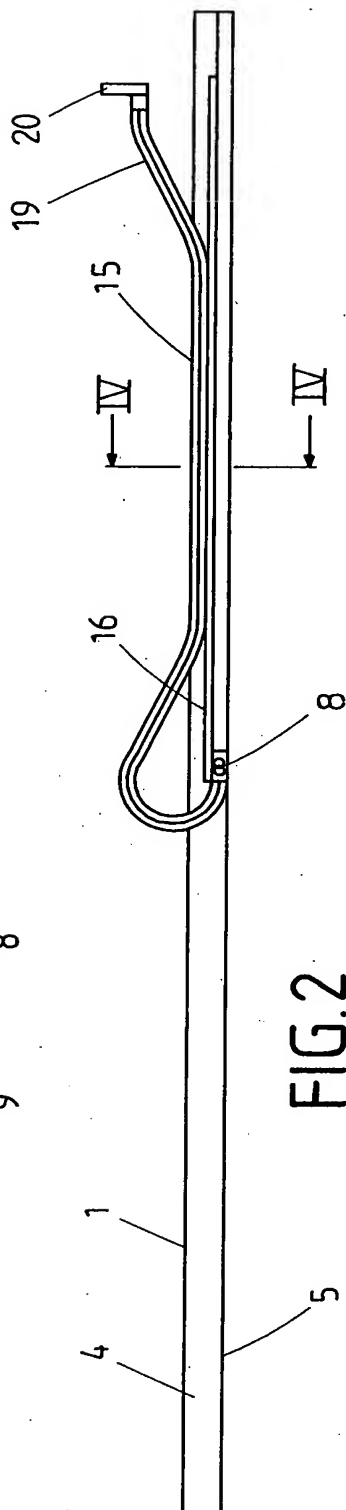
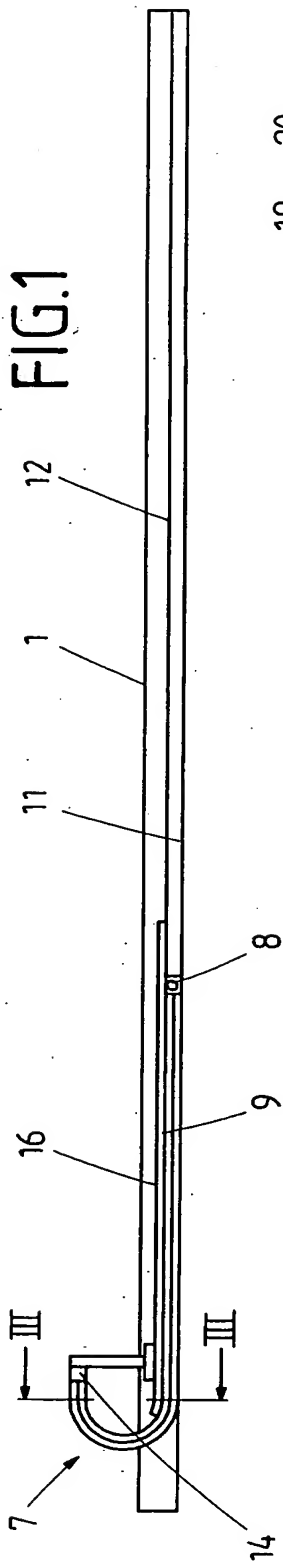
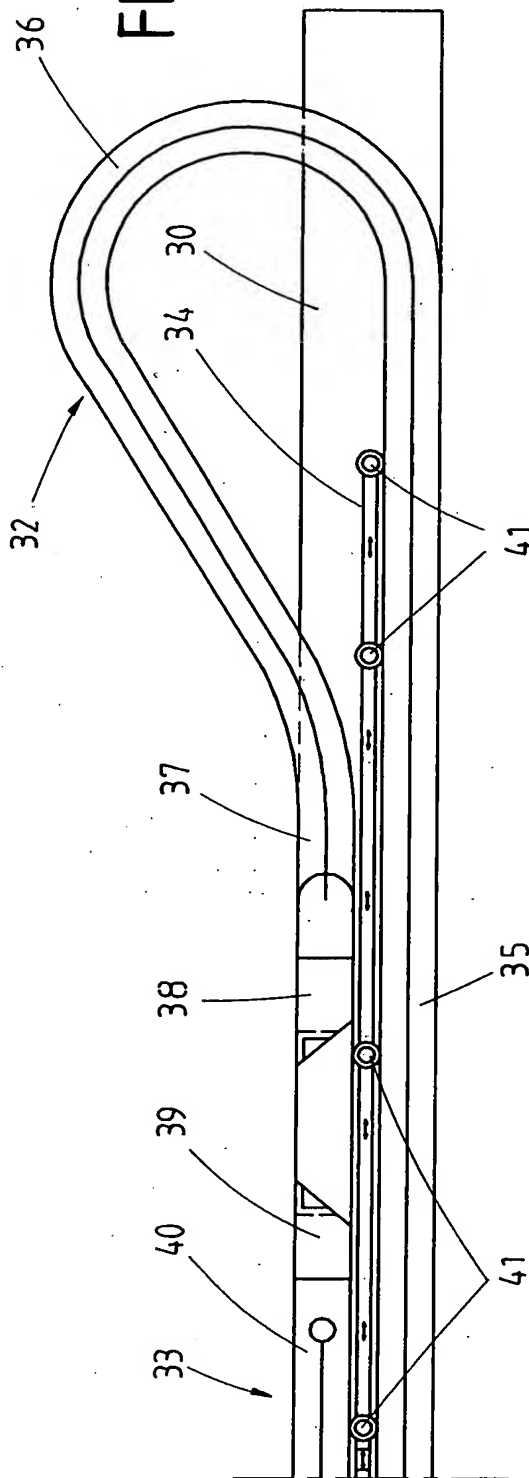
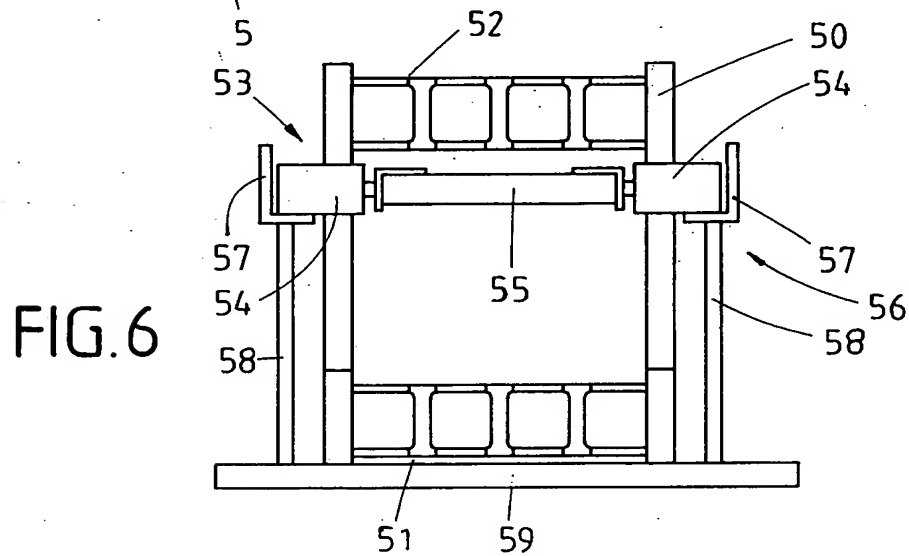
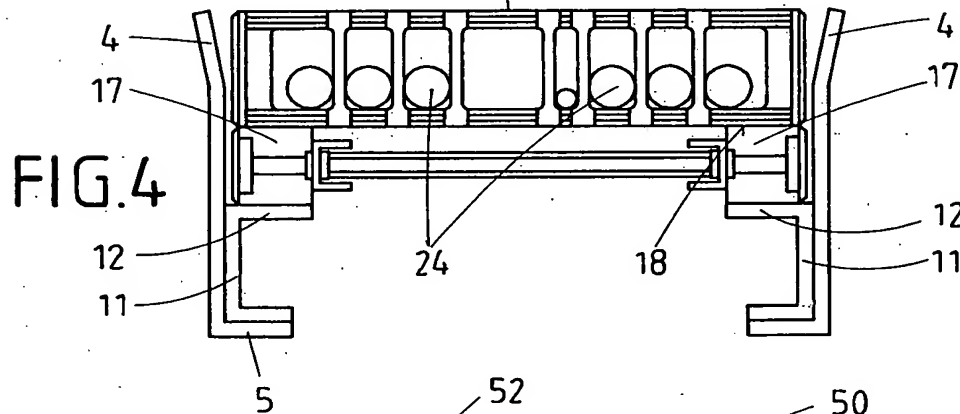
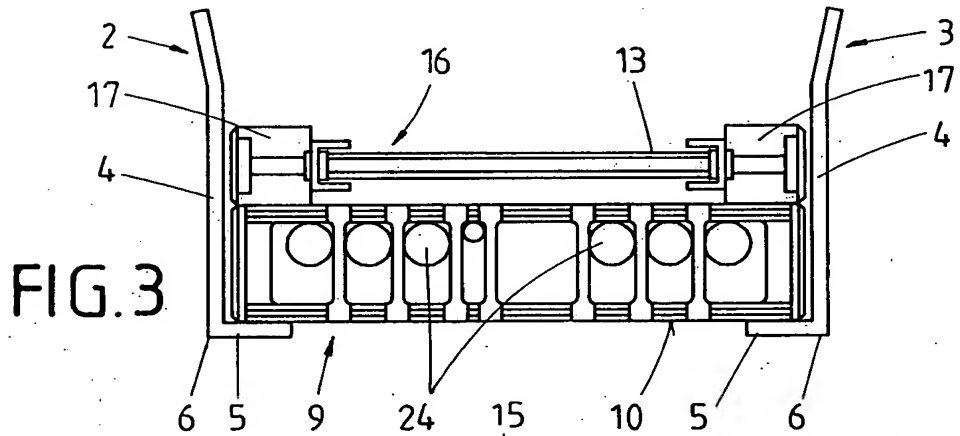
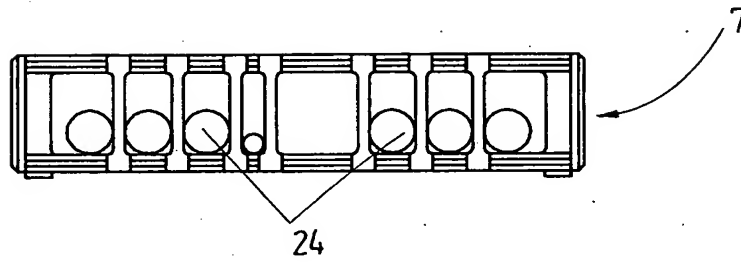


FIG.2

FIG.5





A schematic diagram of a mechanical device. It features a horizontal base (62) with a series of rollers (65, 66, 67) supporting a horizontal beam (60). A curved arm (63) is attached to the beam, with a force F_z applied at its end. The arm is composed of segments (61, 64) and has a curved section (68). A curved member (69) is positioned above the beam, with a force F_R applied at its end. The distance from the base to the point of application of F_R is labeled H . A curved member (69) is also shown, with a force F_R applied at its end. The diagram includes labels 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, F_z , F_R , and H .

FIG.10

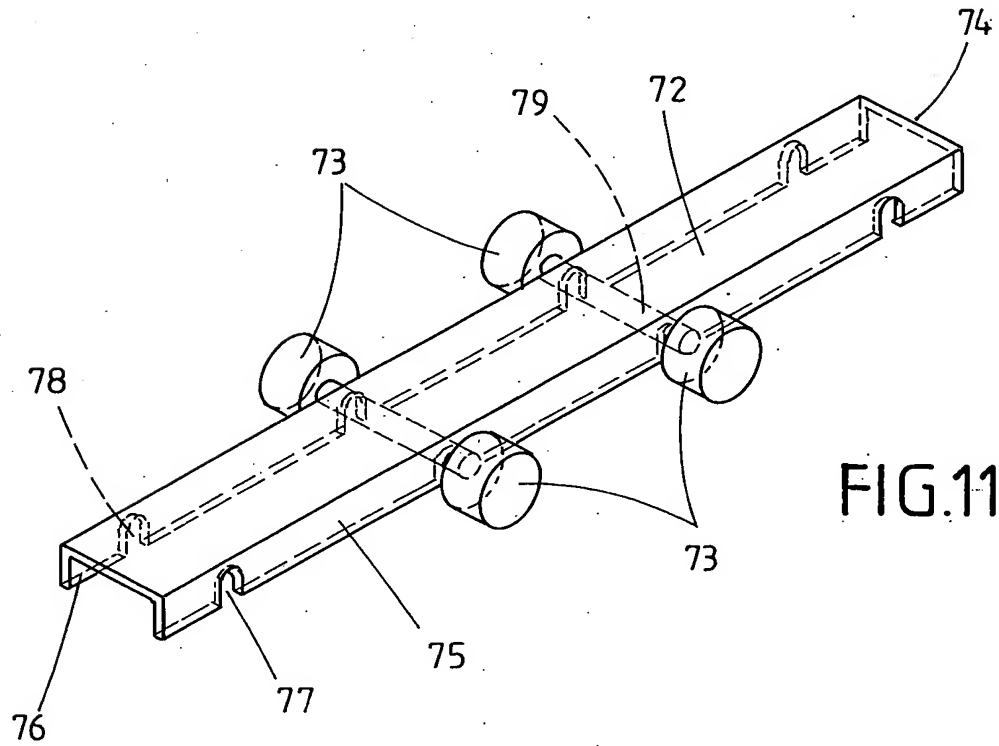
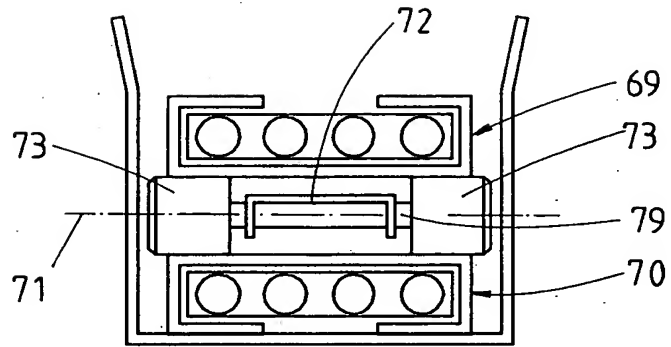


FIG.11

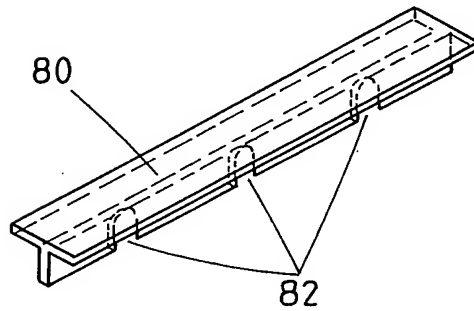


FIG.12

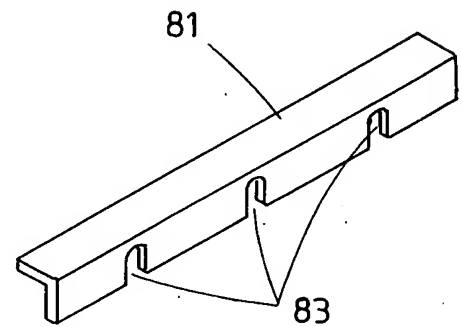


FIG.13